

Converting Colors

XYZ(72.8261, 89.2232, 77.1374)

Have a look what the booklet for
XYZ(72.8261, 89.2232, 77.1374)
contains.

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Color

**XYZ(72.7994, 89.2124,
77.0011)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CCFFD6 |
| RGB | 204, 255, 214 |
| RGB Percent | 80%, 100%, 84% |
| CMY | 0.2000, 0.0000, 0.1608 |
| CMYK | 0.20, 0.00, 0.16, 0.00 |
| HSL | 132°, 100%, 90% |
| HSV | 132°, 20%, 100% |
| XYZ | 72.7994, 89.2124, 77.0011 |
| YIQ | 235.0770, -17.2350, -23.5630 |

Conversions

Conversions Part 2

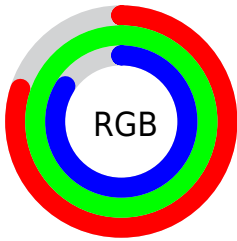
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 204, 247, 255 |
| Decimal | 13434838 |
| CIE _{Lab} | 95.67, -23.86, 14.35 |
| CIE _{LCh} | 96, 27.839, 148.981 |
| Yxy | 89.2124, 0.3046, 0.3733 |
| Android (android.graphics.Color) | 4291624918 (0xFFCCFFD6) |
| YUV | 235.0770, -10.3910, -27.2545 |
| Hunter-Lab | 94.4523, -27.7122, 17.7812 |

Details

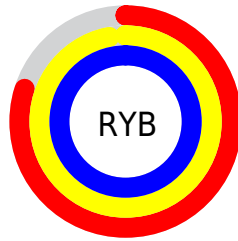
The XYZ color **72.7994, 89.2124, 77.0011** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.3145, 71.0389, 95.9173**, and the grayscale version is **79.1098, 83.2297, 90.6372**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8465, 49.2809, 40.2656** is the 20% darker color. If you saturate the color by 10%, you get **63.9172, 84.9171, 63.7683**, and if you desaturate by 10%, it is **83.1568, 94.2300, 92.0256**.

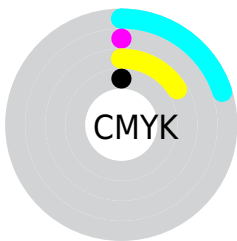
Distribution



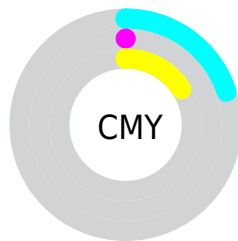
- Red (80%)
- Green (100%)
- Blue (84%)



- Red (80%)
- Yellow (97%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7994, 89.2124, 77.0011 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.7994, 89.2124, 77.0011 by changing the saturation by 10% instead.

 72.7994, 89.2124,
77.0011

 72.7994, 89.2124,
77.0011


459.4338,
525.4655, 504.2055

 54.0997, 67.3276,
56.7422


122.1971,
146.2439, 130.9141

 38.9124, 49.3509,
40.3903

153.6258,
182.1594, 165.4052

 26.8720, 34.8979,
27.5269


190.0282,
223.5206, 205.4775

 17.6132, 23.5843,
17.7334

231.7697,
270.7118, 251.5496

 10.7707, 15.0255,
10.5913

279.2157,
324.1175, 304.0398

 5.9790, 8.8373,
5.6820

332.7315,

 2.8728, 4.6352,

384.1221, 363.3669

2.5871

392.6824,
451.1100, 429.9493

■ 1.0869, 2.0349,
0.8858

■ 0.0141, 0.6276,
0.0000

■ 72.7994, 89.2124,
77.0011

■ 72.7994, 89.2124,
77.0011

■ 63.9172, 84.9171,
63.7683

■ 83.1568, 94.2300,
92.0256

■ 56.4402, 81.3097,
52.2563

95.0500, 100.0000,
108.9000

■ 50.2961, 78.3542,
42.3954

■ 45.4048, 76.0109,
34.1097

■ 41.6776, 74.2360,
27.3173

■ 39.0138, 72.9793,
21.9288

■ 37.2949, 72.1817,
17.8451

■ 36.3359, 71.7503,
14.9524

■ 36.3358, 71.7503,
14.9522

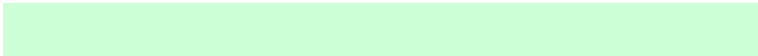
Harmonies

Analogous

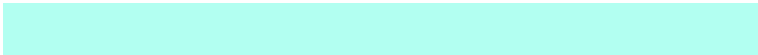
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8628, 89.2124, 64.7427



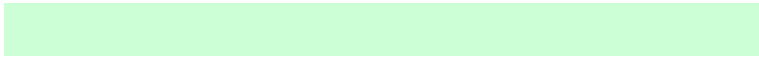
72.7994, 89.2124, 77.0011



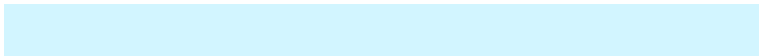
70.9174, 89.2124, 96.3899

Triad

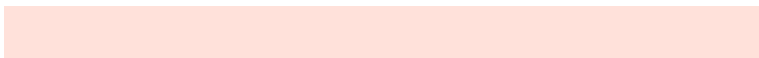
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7994, 89.2124, 77.0011



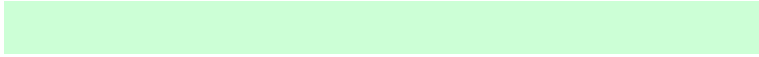
84.5324, 89.2124, 145.6516



98.3264, 89.2124, 78.1178

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.7994, 89.2124, 77.0011



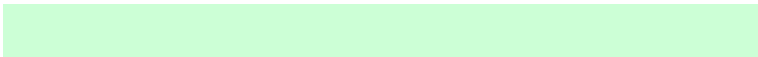
79.3145, 71.0389, 95.9173

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.3714, 89.2124, 97.8882



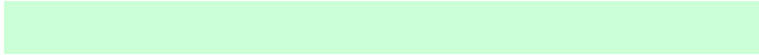
72.7994, 89.2124, 77.0011



92.1241, 89.2124, 138.8564

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



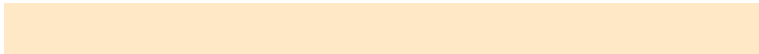
72.7994, 89.2124, 77.0011



77.4356, 89.2124, 137.9080



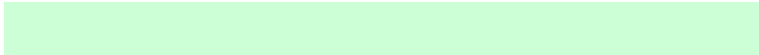
98.0380, 89.2124, 120.5091



92.6038, 89.2124, 65.3160

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



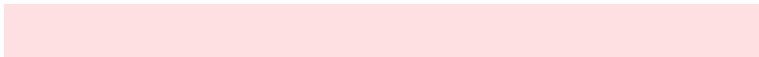
72.7994, 89.2124, 77.0011



71.6279, 89.2124, 111.4972



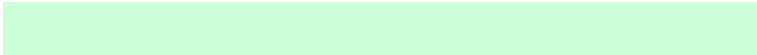
98.0380, 89.2124, 120.5091



99.4814, 89.2124, 84.0662

Sweetspot

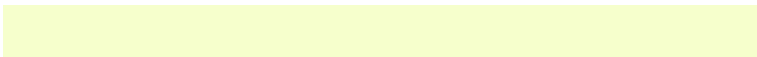
The Sweet Spot groups the original color and five complimentary colors.



72.8001, 89.2127, 77.0025



87.7258, 96.4458, 98.5491



84.5427, 95.4093, 71.0876



18.6136, 20.5641, 20.8612



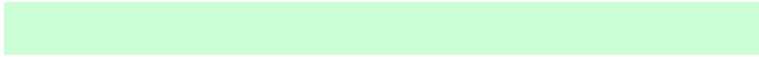
0.0000, 0.0000, 0.0000



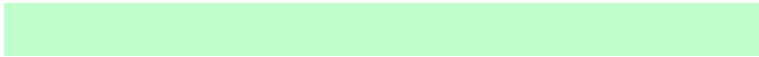
20.3446, 21.4041, 23.3091

Same Dimension

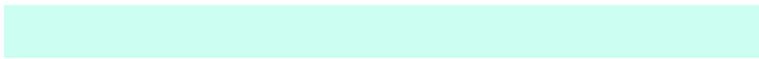
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8001, 89.2127, 77.0025



69.0733, 87.4095, 71.4971



76.2201, 90.5807, 95.0122



17.9171, 20.2264, 19.8666



19.0273, 37.5075, 8.0288



1.8888, 3.6664, 0.9723

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.3145, 71.0389, 95.9173



76.6648, 66.2256, 93.5353



75.7715, 69.6217, 77.2598



18.6310, 18.2357, 21.9398



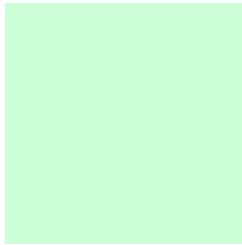
27.3604, 13.4335, 31.6122



2.7012, 1.3228, 3.2738

Previews

White Background



This preview shows how the XYZ color 72.7994, 89.2124, 77.0011 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.7994, 89.2124, 77.0011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

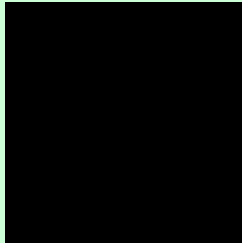
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

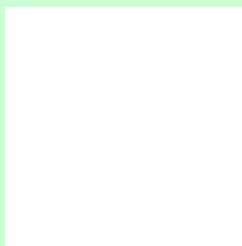
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7994, 89.2124, 77.0011

Background



This preview shows how black text looks on a background with the XYZ color 72.7994, 89.2124, 77.0011.

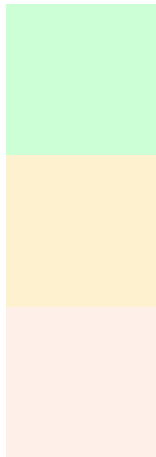


This preview shows how white text looks on a background with the XYZ color 72.7994, 89.2124,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.7994, 89.2124, 77.0011

Protanopia

83.5908, 88.4864, 71.7054

Deuteranopia

86.8145, 88.8762, 89.6700



Tritanopia

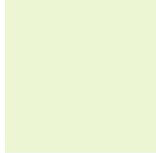
82.6973, 89.0188, 107.4315

Trichromacy



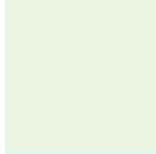
Original Color

72.7994, 89.2124, 77.0011



Protanomaly

79.1807, 88.3975, 73.8619



Deuteranomaly

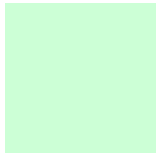
80.9719, 88.6287, 84.7909



Tritanomaly

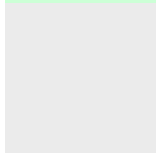
78.8173, 89.1027, 95.4825

Monochromacy



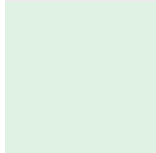
Original Color

72.7994, 89.2124, 77.0011



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.3577, 84.8976, 85.0354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7994, 89.2124, 77.0011 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 72.7994, 89.2124, 77.0011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 255, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 255, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7994, 89.2124, 77.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
255, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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